

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. This examiner's amendment takes the place of the examiner's amendment of 1/26/10.
3. Authorization for this examiner's amendment was given in a telephone interview with Mark Kupets on 3/31/10.

The application has been amended as follows:

1. (Currently Amended) An electrically conducting lead comprising:
~~a substantially electrically insulative~~ an electrically-insulative elongate body; and
an electrically conductive element, wound in an anticlockwise direction for a first length of said body and in a clockwise direction for a second length of said body, having first and second ends and comprising a plurality of layers, each said layer comprising a plurality of electrical conductors positioned within said conductive element such that a first length of each conductor is wound around said body in an anticlockwise direction and a second length of each conductor is wound around said body in a clockwise direction,
wherein ~~first ends~~ first ends of each of said conductors ~~at the~~ at said first end of said conductive element are correspondingly identifiable at said second end of said

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conductive element as second ends of each of said conductors, based on the corresponding position within said conductive element of each of said first and second ends of said conductors with respect to the positions of the other conductors.

2. (Original) The electrically conducting lead of claim 1 wherein the wound arrangement of the electrically conductive element is a helically wound arrangement.

3. (Currently Amended) The electrically conducting lead of claim 1 ~~wherein the~~ wherein said electrically conductive element extends from a first end to a second end of ~~the lead.~~ said lead.

4. (Currently Amended) The electrically conducting lead of claim 3 wherein the longitudinal extent of each of said plurality of electrical conductors over the length ~~of the~~ of said lead from the first end to the second end from said first end to said second end is substantially identical.

5. (Currently Amended) The electrically conducting lead of claim 4 wherein the longitudinal extent ~~of the~~ of each of said plurality of electrical conductors over the length ~~of the~~ of said lead from the first end to the second end from said first end to said second end is identical.

6. (Cancelled)

7. (Cancelled)

8. (Currently Amended) The electrically conducting lead of claim 1 wherein the length ~~of the conductive element that is~~ said conductive element that is wound in an anticlockwise manner is equal to the length of ~~the conductive element~~ said conductive element that is wound in a clockwise manner.

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9. (Previously Presented) The electrically conducting lead of claim 7 wherein at the transition from anticlockwise to clockwise windings, ~~the conductive element~~ said conductive element is folded back on itself.

10-11. (Cancelled)

12. (Previously Presented) The electrically conducting lead of claim 1 wherein each layer of the ~~conductive element~~ of said plurality of layers of said conductive element is comprised of a plurality of separate electrical conductors, with each layer of said plurality of layers having the same number of conductors as the other layers in ~~the element~~ said conductive element.

13. (Previously Presented) The electrically conducting lead of claim 1 wherein each layer of the ~~conductive element~~ of said plurality of layers of said conductive element is comprised of a plurality of separate electrical conductors, with the number of conductors of at least one ~~of the layers~~ of said plurality of layers varying from the number in one, more or all of the other layers of ~~the element~~ said conductive element.

14. (Original) The electrically conducting lead of claim 1 wherein the electrical conductors are made of platinum.

15-23. (Cancelled)

24. (Currently Amended) An electrically conducting lead comprising:

~~a substantially electrically insulative~~ an electrically-insulative elongate body; and

an electrically conductive element, wound in an anticlockwise direction for a first length of said body and in a clockwise direction for a second length of said body, having first and second ends and comprising a plurality of layers, each said layer comprising a

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plurality of electrical conductors positioned within said conductive element such that the plurality of electrical conductors are wound in an anticlockwise direction around said body for a first length, and in a clockwise direction around said body for a second length.

wherein said plurality of electrical conductors of at least one of the layers varies in number from the number of said plurality of electrical conductors in at least one of the other of said plurality of layers, and

wherein said plurality of electrical conductors are positioned within said conductive element such that first ends of each of said conductors ~~at the~~ at said first end of said conductive element are correspondingly identifiable at said second end of said conductive element as second ends of each of said conductors, based on the corresponding position within said conductive element of each of said first and second ends of said conductors with respect to the positions of the other conductors.

25. (Original) The electrically conducting lead of claim 24 wherein the number of conductors in said one of the layers varies from the number in more than one of the other layers of the element.

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26. (Currently Amended) An electrically conducting lead comprising:

~~a substantially electrically insulative~~ an electrically-insulative elongate body; and
an electrically conductive element, helically wound in an anticlockwise direction for a first length of said body and in a clockwise direction for a second length of said body, having first and second ends and comprising a plurality of layers, each said layer comprising a plurality of electrical conductors positioned within said conductive element such that the position of each of said plurality of electrical conductors comprising each layer with respect to said plurality of electrical conductors of neighboring layers remain constant between said first and said second ends of said insulative body, wherein each of said plurality of electrical conductors are positioned such that each conductor is wound in an anticlockwise direction around said body for a first length and in a clockwise direction around said body for a second length, and wherein first ends of each of said conductors at ~~the first~~ said first end of said conductive element are correspondingly identifiable at said second end of said conductive element as second ends of each of said conductors, based on the corresponding position within said conductive element of each of said first and second ends of said conductors with respect to the positions of the other conductors.

27-28. (Cancelled)

29. (Previously Presented) The electrically conducting lead of claim 1 wherein ~~with~~ the longitudinal extent of each of said electrical conductors over said portion of the lead are substantially identical when in said wound arrangement.

30. (Cancelled)

The following is an examiner's statement of reasons for allowance: The subject matter of the independent claims could either not be found or suggested in the prior art. The subject matter not found was a plurality of layers, each layer comprising a plurality of conductors positioned in said layers such that a first length of each conductor is wound around said body in an anticlockwise direction and a second length of each conductor is wound around said body in a clockwise direction in combination with the other elements of the claim. The closest prior art of Diaz (U.S. Pat. 5,824,026) discloses a lead with multiple conductive layers, each layer being wound in an opposing direction. Diaz fails to disclose the individual conductors being wound in one direction for a length and then in the opposing direction for a length.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to REX HOLMES whose telephone number is (571)272-8827. The examiner can normally be reached on M-F 9:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Layno can be reached on (571) 272-4949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/R. H./
Examiner, Art Unit 3762

/George R Evanisko/
Primary Examiner, Art Unit 3762